



Industrial Chemicals

Morristown

Mr. W. E. Mourtain, Jr.

Specialty Chemicals

Halsted Works

May 7, 1969

Methanol-PhosphoricWaste Removal - Reclimated option for recovery

of waste removed from plant. Additional charge of \$50 per load.

Additional note: We will be sending you a sample of the waste removed from our plant.

1. As per our phone conversation of 4/22/69, I was visited on 4/28/69 by Messrs. L. Sigmund and R. Murray of Scientific Chemical Treatment Company, Inc. They told me that they would be asking NTO by 5/24/69 to modify the current agreement upon renewal on 5/1/69.
2. The modification sought is to add a charge of \$50/load of waste removed from our plant. In addition, a charge of \$50/hr. would be made for delays in either offloading-recovered methanol or picking-up waste. (See enclosed.)
3. They inferred in their discussion with me that if we could find a way to use their reclaimed phosphoric acid that the additional charge of \$50/load may not be needed. Previous samples submitted by them were rejected on appearance since they were obviously contaminated. Mr. Sigmund said the contaminant in their reclaimed phosphoric acid is just trace amounts of our pigment. He asked if we would evaluate it again.
4. Their difficulty in getting a satisfactory price for the reclaimed phosphoric acid is attributable to problems they are having with the State Department of Agriculture. Since this material is being sold to farmers for fertilizer, samples must be sent to the State for analysis. The States' analysis has not agreed with theirs because some of the phosphate is tied up as methyl phosphate and is not considered as "available", and only "available" phosphate can be sold for fertilizer purposes.
5. Mr. Sigmund asked if we knew any way to breakdown the methyl phosphate to increase "available" phosphate. He said that if they could find a way, this might affect the need for the additional \$50 charge.
6. Scientific estimates that the additional expense to us would not exceed \$12,000/year. (During the first four months of 1969, 40 loads of waste were pick-up. Projected on an annual basis, this would amount to \$12,350.)

Mercury Chemical - Ed Truett - quantity is too small for him to handle - he says he would need a quantity of \$3,000/lb per day waste to make any kind of economical run

Mr. W. E. Houghton, Jr.
Methanol-Phosphoric
Waste Removal

May 5, 1969

(20 gal = .0306)

161.90 3.06

The existing contract price for recovered methanol is \$.0303*/lb. Based on the ratio of pounds recovered methanol received two loads of waste picked up from 1/1/69 through 4/30/69 (410,420 lbs. recovered methanol/ 69 loads of waste). The charge of \$50/load would increase the price of recovered methanol to \$.0327/lb.

*The 1969 standard price of new methanol is \$.0377/lb. It should be borne in mind, however, that neutralizing the acid is taken care of in the recovery process and that this cost is included in the recovery price.

6. We currently are unable to handle the creation because we lack sufficient waste storage neutralization and recovery facilities. We are presently reviewing the economics and other aspects of our again handling it. As it now appears, however, it would be considerably later than 5/1/69 before we would be ready to take care of it, should we elect to do so.
7. Mr. Sigmund told me that Scientific would just as soon have us recover our own methanol and that they would be willing to offer to us the benefit of their experience. He also indicated that they would like a current review of our waste problems in order to insure that no mutually beneficial arrangements are being overlooked.

ORIGINAL SIGNED BY
L. M. COCHET

L. M. Cochet
Manager

LMC:dvg

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